

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Larsson, Tony et. al.

Application No.: Cont. of 09/696,242

Filing Date: April 19, 2004

Title: Route Discovery Based Piconet Forming

Group Art Unit: Unassigned

Examiner: Unassigned

Confirmation No.: Unassigned

FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By Penny L. Caudle  
Penny L. Caudle  
Registration No. 46,607

Date: April 19, 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
	)	
Tony LARSSON, et al.	)	Group Art Unit: Unassigned
	)	
Application No.: Cont. of 09/696,242	)	Examiner: Unassigned
	)	
Filed: April 19, 2004	)	Confirmation No.: Unassigned
	)	
For: ROUTE DISCOVERY BASED	)	
PICONET FORMING	)	
	)	
	)	
	)	

**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

All of the listed documents were previously made of record in prior Application Serial No. 09/696,242, filed October 26, 2000, upon which Applicants rely for the benefits provided in 35 U.S.C. § 120.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date April 19, 2004

By: Penny L. Caudle  
Penny L. Caudle  
Registration No. 46,607

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Substitute for form 1449A/PTO  <b>FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	ATTORNEY'S DKT No. 040072-281	APPLICATION No. Unassigned
	APPLICANT Tony LARSSON et al.	
	FILING DATE April 19, 2004	GROUP Unassigned

U.S. PATENT DOCUMENTS						
Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)		
	Number	Kind Code (if known)				
	5,051,984	A	Mostafa et al.	09/24/91		
	5,056,984		Vu	10/8/91		
	5,065,399		Hasegawa et al.	11/12/91		
	5,173,689	A	Kusano	12/22/92		
	5,235,599	A	Nishimura et al.	08/10/93		
	5,719,861	A	Okanoue	02/17/98		
	5,740,366	A	Mahany et al.	04/14/98		
	5,748,611	A	Allen et al.	05/05/98		
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
	2 229 895	A	United Kingdom	10/19/90	x	
	0715478	A2	Europe	06/05/96	x	
	0294233	A2	Europe	12/07/88	x	
	9911025	A1	WIPO	03/04/99	x	
	9923799	A1	WIPO	05/14/99	x	
	0599764	A1	Europe	06/01/94	x	
	0883265	A2	Europe	12/09/98	x	
	0913965	A1	Europe	05/06/99	x	
NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
	Takagi, Hideaki, "Queuing Analysis of Polling Models", ACM Computing Surveys, Vol. 20, No. 1, March 1988.					
	Johansson, Per, et al., "Short Range Radio Based Ad-hoc Networking: Performance and Properties", Proceedings of International Conference on Communications (ICC '99), June 6-10, 1999.					
	"Specification of the Bluetooth System", Bluetooth SIG, Vol. 0, July 24, 1999; pp. 35-40 and pp. 121-122.					
	Albrecht, M., et al., "IP Services over Bluetooth: Leading the Way to a New Mobility", Proceedings of the Conference on Local Computer Networks, October 1999.					
	Tode, H., et al., "A Routing Method Using a Tunable Cost Function to Obtain Required Communication Quality and Performance", Electronics and Communications in Japan, Part 1. Vol. 81, No. 5, 1998.					
	Toh C-K: "Associativity-Based Routing for Ad-Hoc Mobile Networks", Wireless Personal Communications, NL, Kluwer Academic Publishers, vol. 4, no. 2, 1 March 1997, pp 103-139.					
	Haartsen J: "Bluetooth - The Universal Radio Interface for Ad Hoc, Wireless Connectivity", Ericsson Review, SE, Ericsson, Stockholm, no. 3, 1 January 1998, pp 110-117.					
Examiner Signature				Date Considered		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.